



North Carolina Department of Health and Human Services

# Ebola Prevention and Response Training University Scenario

# Objectives

- To recognize signs and symptoms of Ebola Virus Disease (EVD)
- To initiate rapid response measures
- To evaluate current response plans
- To strategize to respond more effectively to a potential EVD outbreak

# Table Top Exercise Instructions

- Systematically think through the case as if it was a real scenario
- Participation and discussion is important
  - Teamwork
  - All comments and questions are valuable

# Who is a Person Under Investigation for Ebola?

## Clinical Criteria

- Fever  $\geq 100.4^{\circ}\text{F}$
- **OR**
- Any of the Following:
  - Headache
  - Muscle Pain
  - Vomiting
  - Diarrhea
  - Abdominal Pain
  - Unexplained bruising or bleeding

**AND**

## Epidemiological Risk Factors

- Symptom onset within past 21 days of exposure to any of the following:
  - Contact with blood, other bodily fluids or human remains of patient known or suspected to have EVD
  - Residence in or travel to area where EVD transmission is active
  - Direct handling of bats or other non-human primates in endemic area

# Scenario

You are a physician at a student health center at a large university in North Carolina. You see a 21 year old male student who presents with a headache and a temperature of 102°F. He vomited in the library and now vomits in front of you.



# Discussion

- What other questions would you ask?



# Scenario Continued

- Three weeks ago he did a practicum project over the winter break in Ivory Coast, and was working with a student from Nigeria for 1 month collecting data
- He denies any contact with people with Ebola
- He stayed in rural communities in Ivory Coast along the Liberia border for one month
- He also complains of diarrhea for the past two days
- He lives with 2 other roommates and his girlfriend

# Discussion Continued

- Could this be Ebola?





# From the University Perspective

- When would it be necessary to contact the health department?
- How would you isolate the student at the school?
- What immediate measures would you employ to protect yourself and others in the student health center?
- Who else needs to be notified?
- What communication plan do you have to deal with this type of situation?
- How would you inform the other students and the university and what is your message to them?
- How would you handle student's waste at the school?
- How would you decontaminate the library and the student health center?
- What factors would lead you to make a decision to close the university?

# From the Health Department Perspective...

- What is the CDC guidance on the evaluation of ill patients suspected of Ebola coming from West Africa?
- Which students at the university should be considered as “contacts” for contact tracing?
  - Who will be actively monitored?
  - Are there other persons who should be considered suspect Ebola cases and also isolated and sent for medical evaluation?
- What forms/instructions do you need? Are there any regulations that you need to comply with?
- What arrangements need to be made to accommodate and work with CDC investigators, DPH contact tracers, and the media, if necessary?

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**For more information, please contact the North Carolina Division of Public Health Communicable Disease Branch at 919-733-3419**